

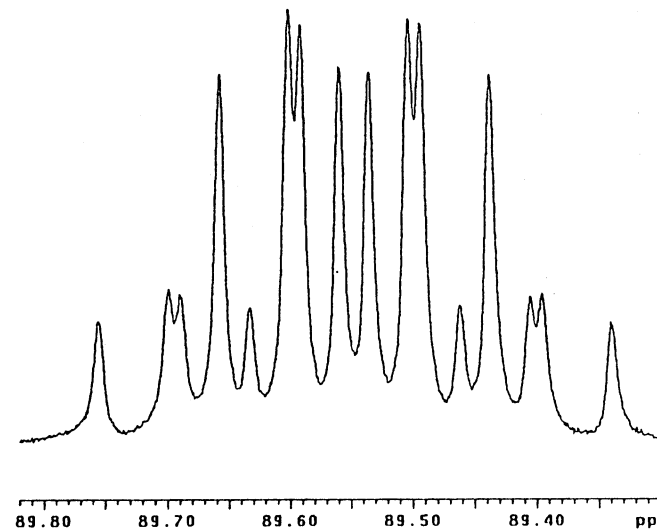
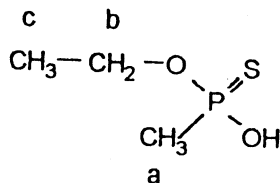
³¹P-NMR pjb09c dm-n
 23.7mg 96040M2 in ca 0.7ml CDCl₃
 214496036 jrn.342;179/200
 Solvent: CDCl₃
 Temp. 30.0 C / 303.1 K
 User: pal
 File: pjb09c
 VXR-400S "palvcr"
 PULSE SEQUENCE
 Relax. delay 3.400 sec
 Pulse 60.0 degrees
 Acq. time 4.841 sec
 Width 211.5 Hz
 48 repetitions
 OBSERVE P31, 161.9047175 MHz
 DATA PROCESSING
 FT size 8192
 Total time 6 minutes

SPECTRAL LINES for th-10.8

rfl- 93.7 rfp- 14500.0

dres 89.6ppm:1.7Hz

nr	Hz	ppm	intensity
1	14533.06	89.755	18.2
2	14523.87	89.698	22.4
3	14522.42	89.688	21.7
4	14517.20	89.657	50.6
5	14513.23	89.632	20.0
6	14508.06	89.601	59.2
7	14506.51	89.591	57.2
8	14501.34	89.559	51.6
9	14497.47	89.535	50.8
10	14492.20	89.503	57.9
11	14490.65	89.493	57.3
12	14485.48	89.461	20.2
13	14481.56	89.437	50.5
14	14476.39	89.405	21.4
15	14474.74	89.395	21.8
16	14465.75	89.339	18.0



O-ethyl methylphosphonothioate

CAS 18005-40-8

Nucleus :

³¹P

Frequency :

161.9 MHz

Concentration :

ca. 24 mg/0.7 ml CDCl₃Reference H₃PO₄ external.

Res. : 1.7 Hz (89.6 ppm)

Instrument :

Varian VXR 400S

Temperature : 30 °C

Spectral width : 211.5 Hz

Data point (FID) : 2 K

Pulse angle : 10.3 μs (60°)

Number of pulses : 48

Repetition time : 8.2 s

Line broadening : not used

Data points (spec) : 8 K

P: 89.6 ppm J(aP) : 15.8 Hz

J(bP) : 9.0 Hz

J(b'P) : 10.7 Hz